

Title (en)  
INTERFERENCE-REDUCING RFID READER

Title (de)  
INTERFERENZMINDERNDER RFID-LESER

Title (fr)  
LECTEUR RFID RÉDUISANT LES INTERFÉRENCES

Publication  
**EP 3542302 A1 20190925 (EN)**

Application  
**EP 17809114 A 20171115**

Priority  
• US 201615353296 A 20161116  
• US 2017061691 W 20171115

Abstract (en)  
[origin: US2018137314A1] An RFID reader apparatus designed to limit interference in a role of auditing individual RFID tagged or labeled items in areas of surrounding dense RFID transponder populations. Such an RFID reader apparatus may include an RFID reader, a specialized antenna, and an enclosure, which may be constructed from ferrous material and which may be configured to hold the RFID reader and the specialized antenna in separate compartments. The enclosure may have one or more shelves, which may also be constructed from ferrous material. The RFID reader apparatus may also have a lid constructed from non-ferrous material. The RFID reader apparatus may be fitted to the bottom of an auditing workstation, for example with screws or other connectors, or may be placed within an auditing workstation specifically equipped to accommodate it.

IPC 8 full level  
**G06K 7/10** (2006.01)

CPC (source: EP US)  
**G06K 7/10009** (2013.01 - EP US); **G06K 7/10316** (2013.01 - US)

Citation (search report)  
See references of WO 2018093826A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**US 10360418 B2 20190723; US 2018137314 A1 20180517**; EP 3542302 A1 20190925; EP 3542302 B1 20221221; US 11748582 B2 20230905; US 2019340397 A1 20191107; WO 2018093826 A1 20180524

DOCDB simple family (application)  
**US 201615353296 A 20161116**; EP 17809114 A 20171115; US 2017061691 W 20171115; US 201916518032 A 20190722